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NEWS 10 MAR 29 WPIFV now available on STN
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available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
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FILE 'MEDLINE' ENTERED AT 18:20:36 ON 28 MAY 2004

FILE 'USPATFULL' ENTERED AT 18:20:36 ON 28 MAY 2004
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FILE 'DGENE' ENTERED AT 18:20:36 ON 28 MAY 2004
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FILE 'BIOSIS' ENTERED AT 18:20:36 ON 28 MAY 2004
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=> S osteogenic protein
L1 3183 OSTEOGENIC PROTEIN

=> s non-articular cartilage repair

L2 0 NON-ARTICULAR CARTILAGE REPAIR

MISSING OPERATOR RTICULAR) CARTILAGE
The search profile that was entered

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s "non-articular cartilage
MISMATCHED QUOTE '"NON-ARTICU'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s "non-articular cartilage"
L3 27 "NON-ARTICULAR CARTILAGE"

=> s 13 and repair

=> s 13 and regeneration

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L6 7 L3 AND DEFECT LOCUS

→ d 10 cr abs 1515 000

ANSWER 1 OF 7 DGENE COPYRIGHT 2004 THOMSON BERWENTON
Novel methods for repairing a defect in mammalian nonarticular cartilage
tissue or ligaments using an osteogenic protein in a biocompatible,
bioresorbable carrier
AAV92442 Protein DGENE

AB The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92442 Protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

CROSS REFERENCES: N-PSDB: AAA09361

DESCRIPTION: Human osteogenic protein 1 (OP-1).

L6 ANSWER 2 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAY92441 protein DGENE

AB Generic Sequence 10 contains generic sequence 9 and an N-terminal extension. Generic sequence 9 is a composite amino acid sequence of the following proteins: human OP-1 to -3, human BMP-2 to -6, -9 to -11, Drosophila 60A, Xenopus Vg-1, sea urchin UNIVIN, human CDMP-1 to -3, human and mouse GDF-1, chicken DORSALIN, DPP, Drosophila Screw, mouse NODAL, mouse GDF-8 to -11, human GDF-8, -11, human BMP-15 and rat BMP3b. The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament

of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92441 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 10, derived from osteogenic protein family members.

L6 ANSWER 3 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAY92440 protein DGENE

AB Generic Sequence 9 is a composite amino acid sequence of the following proteins: human OP-1 to -3, human BMP-2 to -6, -9 to -11, Drosophila 60A, Xenopus Vg-1, sea urchin UNIVIN, human CDMP-1 to -3, human and mouse GDF-1, chicken DORSALIN, DPP, Drosophila Screw, mouse NODAL, mouse GDF-8 to -11, human GDF-8, -11, human BMP-15 and rat BMP3b. The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92440 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413 65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 9, derived from osteogenic protein family members.

L6 ANSWER 4 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAY92439 protein DGENE

AB Generic Sequence 8 contains generic sequence 7 (AAV92438), which accommodates the homologies shared among osteogenic protein family members, including OP-1, OP-2, OP-3, BMP-2 to -6, 60A, DPP, Vg-1, Vgr-1 and GDF, as well as an N-terminal addition of 5 residues. The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92439 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413 65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 8, derived from osteogenic protein family members.

L6 ANSWER 5 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAY92438 protein DGENE

AB Generic Sequence 7 accomodates the homologies shared among osteogenic protein family members, including OP-1, OP-2, OP-3, BMP-2 to -6, 6A, DPP, Vg-1, Vgr-1 and GDF. The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92438 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413 65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 7, derived from osteogenic protein family members.

L6 ANSWER 6 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAY92437 protein DGENE

AB OPX defines the seven-cysteine skeleton of several OP-1 and OP-2 variants. Each Xaa is chosen from the residues occurring at the corresponding position in the C-terminal sequence of mouse or human OP-1 or OP-2. The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-**

articular cartilage tissue or a ligament of a mammal,
e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused
by syphilis, tuberculosis or malignancy, defects resulting from
mechanical trauma to the larynx or trachea (including tracheotomy and
laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs,
invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92437 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic OPX, seven-cysteine skeleton.

L6 ANSWER 7 OF 7 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

AN AAA09361 cDNA DGENE

AB The specification concerns a novel method for repairing a defect in a **non-articular cartilage** tissue or a ligament of a mammal, which comprises providing an osteogenic protein in a biocompatible, bioresorbable carrier to the **defect locus** to induce the formation of functional replacement cartilage. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a **non-articular cartilage** tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAA09361 cDNA DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an osteogenic protein in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

CROSS REFERENCES: P-PSDB: AAY92442

DESCRIPTION: Human osteogenic protein 1 (OP-1) coding sequence.

=> e vukicevic, s/au

E1 2 VUKICEVIC VLADIMIR/AU
E2 11 VUKICEVIC Z/AU
E3 0 --> VUKICEVIC, S/AU
E4 1 VUKICH B B/AU
E5 1 VUKICH BETH B/AU
E6 5 VUKICH D/AU
E7 25 VUKICH D J/AU
E8 1 VUKICH DAVID/AU
E9 1 VUKICH DAVID J/AU

E10 1 VUKICH FRANKLIN J/AU
E11 1 VUKICH H/AU
E12 5 VUKICH J/AU

=> ekatic, v/au

EKATIC, IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (>).

=> e katic, v/au

E1 1 KATIC VUKA/AU
E2 5 KATIC Z/AU
E3 0 --> KATIC, V/AU
E4 1 KATICA D/AU
E5 1 KATICA V/AU
E6 2 KATICH J F/AU
E7 1 KATICH M/AU
E8 3 KATICH M J/AU
E9 2 KATICH R/AU
E10 6 KATICH S/AU
E11 2 KATICH S C/AU
E12 2 KATICH STEPHANIE/AU

=> e sampath, k/au

E1 2 SAMPATH W S/AU
E2 4 SAMPATH WALAJABAD S/AU
E3 0 --> SAMPATH, K/AU
E4 2 SAMPATHACHAR K R/AU
E5 2 SAMPATHANUKUL P/AU
E6 1 SAMPATHANUKUL PICHET/AU
E7 1 SAMPATHI L/AU
E8 1 SAMPATHKAMUR SRINIVASA GOPALAN/AU
E9 1 SAMPATHKUM K/AU
E10 1 SAMPATHKUM L/AU
E11 6 SAMPATHKUM P/AU
E12 3 SAMPATHKUM P S/AU

=> s e5

L7 2 "SAMPATHANUKUL P"/AU

=> d 17 ti abs ibib tot

L7 ANSWER 1 OF 2 MEDLINE on STN

TI Diagnosis of Helicobacter pylori infection in a developing country:
comparison of two ELISAs and a seroprevalence study.

AB Serology to detect antibodies to Helicobacter pylori is not frequently used as a diagnostic tool in developing countries. When compared to a commercial ELISA, an ELISA constructed and validated in Thailand had a higher sensitivity (98% vs. 85%), specificity (76% vs. 66%), and negative predictive value (97% vs. 76%) for the detection of H. pylori infection among 104 patients with dyspepsia evaluated by endoscopy. The positive predictive value was 88% for both tests. Serum antibody levels fell significantly 5-8 months after eradication of infection in 8 Thai patients ($P = .009$). By 8 years of age, > 50% of Thai persons living in urban and rural locations were seropositive. The low negative predictive value of the commercial ELISA limits the usefulness of this assay as a diagnostic tool in Thailand and suggests a need to reevaluate H. pylori serologic tests when used in populations living in developing countries.

ACCESSION NUMBER: 94065288 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8245544

TITLE: Diagnosis of Helicobacter pylori infection in a developing country: comparison of two ELISAs and a seroprevalence study.

AUTHOR: Bodhidatta L; Hoge C W; Churnratanakul S; Nirdnoy W;
Sampathanukul P; Tungtaem C; Raktham S; Smith C D;
Echeverria P

CORPORATE SOURCE: Department of Bacteriology, Armed Forces Research Institute
of Medical Sciences, Bangkok, Thailand.

SOURCE: Journal of infectious diseases, (1993 Dec) 168 (6) 1549-53.
Journal code: 0413675. ISSN: 0022-1899.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 199312

ENTRY DATE: Entered STN: 19940201
Last Updated on STN: 19990129
Entered Medline: 19931228

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TI Diagnosis of Helicobacter pylori infection in a developing country:
Comparison of two ELISAs and a seroprevalence study.

AB Serology to detect antibodies to Helicobacter pylori is not frequently used as a diagnostic tool in developing countries. When compared to a commercial ELISA, an ELISA constructed and validated in Thailand had a higher sensitivity (98% vs. 85%), specificity (76% vs. 66%), and negative predictive value (97% vs. 76%) for the detection of *H. pylori* infection among 104 patients with dyspepsia evaluated by endoscopy. The positive predictive value was 88% for both tests. Serum antibody levels fell significantly 5-8 months after eradication of infection in 8 Thai patients ($P = .009$). By 8 years of age, >50% of Thai persons living in urban and rural locations were seropositive. The low negative predictive value of the commercial ELISA limits the usefulness of this assay as a diagnostic tool in Thailand and suggests a need to reevaluate *H. pylori* serologic tests when used in populations living in developing countries.

ACCESSION NUMBER: 93344938 EMBASE

DOCUMENT NUMBER: 1993344938

TITLE: Diagnosis of Helicobacter pylori infection in a developing country: Comparison of two ELISAs and a seroprevalence study.

AUTHOR: Bodhidatta L.; Hoge C.W.; Churnratanakul S.; Nirdnoy W.;
Sampathanukul P.; Tungtaem C.; Raktham S.; Smith
C.D.; Echeverria P.

CORPORATE SOURCE: USA Medical Component, AFRIMS, APO AP 96546, United States

SOURCE: Journal of Infectious Diseases, (1993) 168/6 (1549-1553).

ISSN: 0022-1899 CODEN: JIDIAQ

COUNTRY: United States

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 004 Microbiology
006 Internal Medicine
017 Public Health, Social Medicine and Epidemiology
048 Gastroenterology

LANGUAGE: English

SUMMARY LANGUAGE: English

=> d his

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, BIOSIS' ENTERED AT
18:20:36 ON 28 MAY 2004

L1 3183 S OSTEOGENIC PROTEIN
L2 0 S NON-ARTICULAR CARTILAGE REPAIR
L3 27 S "NON-ARTICULAR CARTILAGE"
L4 0 S L3 AND REPAIR

L5 0 S L3 AND REGENERATION
L6 7 S L3 AND DEFECT LOCUS
E VUKICEVIC, S/AU
E KATIC, V/AU
E SAMPATH, K/AU
L7 2 S E5

=> s osteogenic device
L8 0 OSTOGENIC DEVICE

=> s replacement cartilage
L9 63 REPLACEMENT CARTILAGE

=> s 19 and 11
L10 10 L9 AND L1

=> d 110 ti abs ibib tot

L10 ANSWER 1 OF 10 USPATFULL on STN

TI Biohybrid articular surface replacement

AB The invention relates to a biohybrid articular surface replacement in the form of a three-dimensional, porous carrier, in which cartilage cells can be cultured in vitro and/or in vivo to a three-dimensional cell union and which following cell growth and optionally after tissue development, can be placed on the exposed bone in the vicinity of a defective articular surface, wherein on the side of the carrier intended for engagement with the bone it has an agent for aiding osseous integration.

ACCESSION NUMBER: 2001:208689 USPATFULL
TITLE: Biohybrid articular surface replacement
INVENTOR(S): Meenen, Norbert M., Hamburg, Germany, Federal Republic of
Dauner, Martin, Esslingen, Germany, Federal Republic of
Planck, Heinrich, Nuertingen, Germany, Federal Republic of
PATENT ASSIGNEE(S): Deutsche Institute fur Textil-und Faserforschung
Stuttgart, Denkendorf, Germany, Federal Republic of
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6319712 | B1 | 20011120 |
| APPLICATION INFO.: | US 1999-238079 | | 19990126 (9) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | DE 1998-19803673 | 19980130 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Lankford, Jr., Leon B. | |
| LEGAL REPRESENTATIVE: | Pennie & Edmonds LLP | |
| NUMBER OF CLAIMS: | 39 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Figure(s); 1 Drawing Page(s) | |
| LINE COUNT: | 537 | |

L10 ANSWER 2 OF 10 USPATFULL on STN

TI Repair of larynx, trachea, and other fibrocartilaginous tissues

AB Provided herein are methods and devices for inducing the formation of functional replacement nonarticular cartilage tissues and ligament tissues. These methods and devices involve the use of osteogenic proteins, and are useful in repairing defects in the larynx, trachea, interarticular menisci, intervertebral discs, ear, nose, ribs and other

fibrocartilaginous tissues in a mammal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:165613 USPATFULL
TITLE: Repair of larynx, trachea, and other fibrocartilaginous tissues
INVENTOR(S): Vukicevic, Slobodan, Zagreb, Croatia
Katic, Vladimir, Zagreb, Croatia
Sampath, Kuber T., Holliston, MA, United States
PATENT ASSIGNEE(S): Creative BioMolecules, Inc. (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2001024823 | A1 | 20010927 |
| APPLICATION INFO.: | US 2001-828607 | A1 | 20010406 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 1999-US17222, filed on 30 Jul 1999, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 1998-103161P | 19981006 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, 50TH FLOOR, NEW YORK, NY, 10020-1105 | |
| NUMBER OF CLAIMS: | 56 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1859 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier
AN AAY92442 Protein DGENE
AB The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92442 Protein DGENE
TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413 65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

CROSS REFERENCES: N-PSDB: AAA09361

DESCRIPTION: Human **osteogenic protein** 1 (OP-1).

L10 ANSWER 4 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

AN AAY92441 protein DGENE

AB Generic Sequence 10 contains generic sequence 9 and an N-terminal extension. Generic sequence 9 is a composite amino acid sequence of the following proteins: human OP-1 to -3, human BMP-2 to -6, -9 to -11, Drosophila 60A, Xenopus Vg-1, sea urchin UNIVIN, human CDMP-1 to -3, human and mouse GDF-1, chicken DORSALIN, DPP, Drosophila Screw, mouse NODAL, mouse GDF-8 to -11, human GDF-8, -11, human BMP-15 and rat BMP3b. The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92441 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 10, derived from **osteogenic protein** family members.

L10 ANSWER 5 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

AN AAY92440 protein DGENE

AB Generic Sequence 9 is a composite amino acid sequence of the following proteins: human OP-1 to -3, human BMP-2 to -6, -9 to -11, Drosophila 60A, Xenopus Vg-1, sea urchin UNIVIN, human CDMP-1 to -3, human and mouse GDF-1, chicken DORSALIN, DPP, Drosophila Screw, mouse NODAL, mouse GDF-8 to -11, human GDF-8, -11, human BMP-15 and rat BMP3b. The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92440 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible,

INVENTOR: Vukicevic S; Katic V; Sampath K T
PATENT ASSIGNEE: (STYC) STRYKER CORP.
PATENT INFO: WO 2000020021 A1 20000413 65p
APPLICATION INFO: WO 1999-US17222 19990730
PRIORITY INFO: US 1998-103161 19981006
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2000-317644 [27]
DESCRIPTION: Generic sequence 9, derived from **osteogenic protein** family members.

L10 ANSWER 6 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier
AN AAY92439 protein DGENE
AB Generic Sequence 8 contains generic sequence 7 (AAY92438), which accomodates the homologies shared among **osteogenic protein** family members, including OP-1, OP-2, OP-3, BMP-2 to -6, 60A, DPP, Vg-1, Vgr-1 and GDF, as well as an N-terminal addition of 5 residues. The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92439 protein DGENE
TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T
PATENT ASSIGNEE: (STYC) STRYKER CORP.
PATENT INFO: WO 2000020021 A1 20000413 65p
APPLICATION INFO: WO 1999-US17222 19990730
PRIORITY INFO: US 1998-103161 19981006
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2000-317644 [27]
DESCRIPTION: Generic sequence 8, derived from **osteogenic protein** family members.

L10 ANSWER 7 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier
AN AAY92438 protein DGENE
AB Generic Sequence 7 accomodates the homologies shared among **osteogenic protein** family members, including OP-1, OP-2, OP-3, BMP-2 to -6, 60A, DPP, Vg-1, Vgr-1 and GDF. The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal,

e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92438 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic sequence 7, derived from **osteogenic protein** family members.

L10 ANSWER 8 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

AN AAY92437 protein DGENE

AB OPX defines the seven-cysteine skeleton of several OP-1 and OP-2 variants. Each Xaa is chosen from the residues occurring at the corresponding position in the C-terminal sequence of mouse or human OP-1 or OP-2. The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, intervertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAY92437 protein DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413

65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

DESCRIPTION: Generic OPX, seven-cysteine skeleton.

L10 ANSWER 9 OF 10 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

AN AAA09361 cDNA DGENE

AB The specification concerns a novel method for repairing a defect in a non-articular cartilage tissue or a ligament of a mammal, which comprises providing an **osteogenic protein** in a biocompatible,

bioresorbable carrier to the defect locus to induce the formation of functional **replacement cartilage**. The methods and implants, promote chondrogenesis and are useful for repairing or correcting a defect in a non-articular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, oedema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

ACCESSION NUMBER: AAA09361 cDNA DGENE

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier

INVENTOR: Vukicevic S; Katic V; Sampath K T

PATENT ASSIGNEE: (STYC) STRYKER CORP.

PATENT INFO: WO 2000020021 A1 20000413 65p

APPLICATION INFO: WO 1999-US17222 19990730

PRIORITY INFO: US 1998-103161 19981006

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-317644 [27]

CROSS REFERENCES: P-PSDB: AAY92442

DESCRIPTION: Human **osteogenic protein** 1 (OP-1) coding sequence.

L10 ANSWER 10 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible, bioresorbable carrier.

AN 2000-317644 [27] WPIDS

CR 2000-317706 [27]

AB WO 200020021 A UPAB: 20020910

NOVELTY - Repairing a defect in a nonarticular cartilage tissue or a ligament of a mammal, comprising providing an **osteogenic protein** in a biocompatible, bioresorbable carrier to the defect locus, inducing the formation of functional **replacement cartilage**, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) an implantable device for repairing a defect in a nonarticular cartilage tissue comprising an **osteogenic protein** disposed in a devitalized cartilage, a collagen carrier, or a carboxymethylcellulose carrier; and

(2) promoting chondrogenesis at a defect locus in a mammal comprising providing an **osteogenic protein** in a devitalized cartilage carrier that is configured to fit into the defect locus.

ACTIVITY - Osteogenic; chondrogenic.

MECHANISM OF ACTION - Osteopathic stimulating implant; transplantation.

USE - The methods and implants are useful for repairing or correcting a defect in a nonarticular cartilage tissue or a ligament of a mammal, e.g. cleft larynx, edema of the glottis, ulceration of the larynx caused by syphilis, tuberculosis or malignancy, defects resulting from mechanical trauma to the larynx or trachea (including tracheotomy and laryngotomy), laryngeal cancer, and defects of the ear, nose, ribs, invertebral discs, and interarticular menisci.

Dwg.0/0

ACCESSION NUMBER: 2000-317644 [27] WPIDS

CROSS REFERENCE: 2000-317706 [27]

DOC. NO. CPI: C2000-096081

TITLE: Novel methods for repairing a defect in mammalian nonarticular cartilage tissue or ligaments using an **osteogenic protein** in a biocompatible,

bioresorbable carrier.

DERWENT CLASS: A96 B04 D22
INVENTOR(S): KATIC, V; SAMPATH, K T; VUKICEVIC, S
PATENT ASSIGNEE(S): (STYC) STRYKER CORP; (CREA-N) CREATIVE BIOMOLECULES INC
COUNTRY COUNT: 23
PATENT INFORMATION:

| PATENT NO | KIND | DATE | WEEK | LA | PG |
|---|------|--------------------|------|----|----|
| WO 2000020021 | A1 | 20000413 (200027)* | EN | 64 | |
| RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE | | | | | |
| W: AU CA JP US | | | | | |
| AU 9952417 | A | 20000426 (200036) | | | |
| EP 1117422 | A1 | 20010725 (200143) | EN | | |
| R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE | | | | | |
| US 2001024823 | A1 | 20010927 (200159) | | | |
| JP 2002526167 | W | 20020820 (200258) | | 70 | |

APPLICATION DETAILS:

| PATENT NO | KIND | APPLICATION | DATE |
|---------------|----------------|-----------------|----------|
| WO 2000020021 | A1 | WO 1999-US17222 | 19990730 |
| AU 9952417 | A | AU 1999-52417 | 19990730 |
| EP 1117422 | A1 | EP 1999-937624 | 19990730 |
| | | WO 1999-US17222 | 19990730 |
| US 2001024823 | A1 Provisional | US 1998-103161P | 19981006 |
| | Cont of | WO 1999-US17222 | 19990730 |
| | | US 2001-828607 | 20010406 |
| JP 2002526167 | W | WO 1999-US17222 | 19990730 |
| | | JP 2000-573380 | 19990730 |

FILING DETAILS:

| PATENT NO | KIND | PATENT NO |
|---------------|-------------|---------------|
| AU 9952417 | A Based on | WO 2000020021 |
| EP 1117422 | A1 Based on | WO 2000020021 |
| JP 2002526167 | W Based on | WO 2000020021 |

PRIORITY APPLN. INFO: US 1998-103161P 19981006; US
2001-828607 20010406

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| <input type="button" value="Generate OACS"/> | | | | |

Search Results - Record(s) 1 through 8 of 8 returned.

1. Document ID: US 6723698 B2

L9: Entry 1 of 8

File: USPT

Apr 20, 2004

US-PAT-NO: 6723698

DOCUMENT-IDENTIFIER: US 6723698 B2

TITLE: Methods and compositions for the treatment of motor neuron injury and neuropathy

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------------|-------|----------|---------|
| Rueger; David C. | Southborough | MA | | |
| Sampath; Kuber T. | Holliston | MA | | |
| Oppermann; Hermann | Medway | MA | | |
| Pang; Roy H. L. | Etna | NH | | |
| Cohen; Charles M. | Weston | MA | | |

US-CL-CURRENT: 514/12; 530/351

| | | | | | | | | | | | | |
|-------------------------------------|--------------------------------------|---|--------------------------------------|---------------------------------------|---|-------------------------------------|--|---|--|---------------------------------------|-------------------------------------|---|
| <input type="button" value="Full"/> | <input type="button" value="Title"/> | <input type="button" value="Citation"/> | <input type="button" value="Front"/> | <input type="button" value="Review"/> | <input type="button" value="Classification"/> | <input type="button" value="Date"/> | <input type="button" value="Reference"/> | <input type="button" value="Dependencies"/> | <input type="button" value="Attachments"/> | <input type="button" value="Claims"/> | <input type="button" value="RIMD"/> | <input type="button" value="Drawn Dc"/> |
|-------------------------------------|--------------------------------------|---|--------------------------------------|---------------------------------------|---|-------------------------------------|--|---|--|---------------------------------------|-------------------------------------|---|

2. Document ID: US 6696410 B1

L9: Entry 2 of 8

File: USPT

Feb 24, 2004

US-PAT-NO: 6696410

DOCUMENT-IDENTIFIER: US 6696410 B1

TITLE: Compositions and therapeutic methods using morphogenic proteins, hormones and hormone receptors

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-------------|-------|----------|---------|
| Lee; John C. | San Antonio | TX | | |
| Yeh; Lee-Chuan C. | San Antonio | TX | | |

US-CL-CURRENT: 514/2; 424/198.1, 530/350, 530/399

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

 3. Document ID: US 6677432 B1

L9: Entry 3 of 8

File: USPT

Jan 13, 2004

US-PAT-NO: 6677432

DOCUMENT-IDENTIFIER: US 6677432 B1

TITLE: Mutations of the C-terminal portion of TGF-.beta. superfamily proteins

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Oppermann; Hermann | Medway | MA | | |
| Tai; Mei-Sheng | Shrewsbury | MA | | |
| McCartney; John | Holliston | MA | | |

US-CL-CURRENT: 530/350; 435/440, 435/445, 435/69.1, 530/399, 536/23.4

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

 4. Document ID: US 6506729 B1

L9: Entry 4 of 8

File: USPT

Jan 14, 2003

US-PAT-NO: 6506729

DOCUMENT-IDENTIFIER: US 6506729 B1

TITLE: Methods and compositions for the treatment and prevention of Parkinson's disease

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------------|-------|----------|---------|
| Rueger; David C. | Southborough | MA | | |
| Sampath; Kuber T. | Holliston | MA | | |
| Cohen; Charles M. | Weston | MA | | |
| Oppermann; Hermann | Medway | MA | | |
| Pang; Roy H. L. | Etna | NH | | |

US-CL-CURRENT: 514/12; 514/2, 530/350, 530/402

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

5. Document ID: US 6426332 B1

L9: Entry 5 of 8

File: USPT

Jul 30, 2002

US-PAT-NO: 6426332

DOCUMENT-IDENTIFIER: US 6426332 B1

TITLE: Matrix-free osteogenic devices, implants and methods of use thereof

DATE-ISSUED: July 30, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Rueger; David C. | Southborough | MA | | |
| Tucker; Marjorie M. | Holliston | MA | | |

US-CL-CURRENT: 514/21; 424/423, 514/12, 604/506, 604/522[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 6. Document ID: US 6409764 B1

L9: Entry 6 of 8

File: USPT

Jun 25, 2002

US-PAT-NO: 6409764

DOCUMENT-IDENTIFIER: US 6409764 B1

TITLE: Methods and articles for regenerating bone or periodontal tissue

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| White; Charles F. | Camp Verde | AZ | 86322 | |
| Flynn; Charles | Cottonwood | AZ | 86326 | |
| Cook; Alonzo D. | Flagstaff | AZ | 86001 | |
| Hardwick; William R. | Flagstaff | AZ | 86001 | |
| Wikesjo; Ulf M. E. | Bryn Mawr | PA | 19010 | |
| Thomson; Robert C. | Flagstaff | AZ | 86001 | |

US-CL-CURRENT: 623/16.11; 424/424, 433/201.1, 433/215, 623/23.72, 623/23.76,
623/901[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 7. Document ID: US 6407060 B1

L9: Entry 7 of 8

File: USPT

Jun 18, 2002

US-PAT-NO: 6407060

DOCUMENT-IDENTIFIER: US 6407060 B1

**** See image for Certificate of Correction ****

TITLE: Method for enhancing functional recovery following central nervous system ischemia or trauma

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|---------|-------|----------|---------|
| Charette; Marc F. | Needham | MA | | |
| Finklestein; Seth P. | Needham | MA | | |

US-CL-CURRENT: 514/12; 514/21, 530/324, 530/350

[Full](#) |
 [Title](#) |
 [Citation](#) |
 [Front](#) |
 [Review](#) |
 [Classification](#) |
 [Date](#) |
 [Reference](#) |
 [Sequences](#) |
 [Attachments](#) |
 [Claims](#) |
 [KOMC](#) |
 [Draw. De](#)

 8. Document ID: US 6281195 B1

L9: Entry 8 of 8

File: USPT

Aug 28, 2001

US-PAT-NO: 6281195

DOCUMENT-IDENTIFIER: US 6281195 B1

**** See image for Certificate of Correction ****TITLE: Matrix-free osteogenic devices, implants and methods of use thereof

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Rueger; David C. | Southborough | MA | | |
| Tucker; Marjorie M. | Holliston | MA | | |

US-CL-CURRENT: 514/21; 424/423, 514/12, 604/506, 604/522

[Full](#) |
 [Title](#) |
 [Citation](#) |
 [Front](#) |
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 [Date](#) |
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